

Appl. No. 10/081,891

REMARKS

This is in response to the Office Action of 29 October 2004. Claims 1-18, were pending in the application, Claims 1-10 and 16-18 were rejected, and Claims 11-15 were indicated to contain allowable subject matter..

By this response, Claims 1, 6-10 and 12-13 have been amended, Claim 11 has been cancelled, and Claim 19 has been added.

No new matter has been added.

In view of the amendments above and remarks below, Applicant respectfully requests reconsideration and further examination.

About The Invention

The present invention relates generally to methods and apparatus for controlling a voltage multiplier. More particularly, the invention relates to methods and apparatus for directly connecting a supply voltage to the output of a voltage multiplier during a start period so as to provide a stable voltage at that output.

Objection to Claims 11-15

The Examiner has objected to Claims 11-15 as being dependent upon a rejected base Claim. However, the Examiner further states that Claims 11-15 would be allowable if rewritten in independent form including all of the limitations of the base Claim and any intervening Claims.

Claim 11 depended from independent Claim 1. Claim 11 has been cancelled, and the limitations previously found in Claim 11 are now included in amended Claim 1. Claims 12-13, which previously depended from Claim 11, have been amended to depend from amended Claim 1.

In view of the foregoing amendments, Applicant respectfully submits that independent Claim 1, and Claims 2-5 and 12-15 which depend therefrom are now allowable.

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Rejections under 35 USC §103(a)

Claims 1-10 and 16-18 have been rejected under 35 USC §103(a) as being unpatentable over Yanagawa (US Patent 5,994,888) in view of Zeng, et al., (US Patent 6,366,158).

As noted above, independent Claim 1 has been amended to recite the limitations of allowable Claim 11. Additionally, independent Claims 6-10 have been amended to recite the limitations of allowable Claim 11. In view of these amendments, Applicant respectfully submits that the rejections of Claims 1-10 and 16-18 have been overcome.

New Claim 19

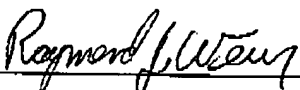
New Claim 19 depends from amended independent Claim 10, and recites operating a logic circuit such that a signal is supplied to the voltage multiplier, and that responsive to that signal the voltage multiplier changes a voltage multiplication factor. Support for this Claim can be found in the specification at page 10, lines 5-7, and in Fig. 4.

Conclusion

All of the objections and rejections in the outstanding Office Action of 29 October 2004 have been responded to, and Applicant respectfully submits that the pending Claims 1-10 and 12-19 are now in condition for allowance.

Applicant respectfully requests that a timely Notice of Allowance be issued in this case.

Respectfully submitted,

By 

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